

June 3, 2008

WRITER'S DIRECT NUMBER: (317) 236-5882
DIRECT FAX: (317) 592-4606
INTERNET: MARK.REICHEL@ICEMILLER.COM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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MARK C. REICHEL

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Signature

6/3/2008

Date of Signature

Re: Response to Office Action

Inventors: KASSAB, Ghassan S., et al.
Serial No.: 10/782,149
Filing Date: February 19, 2004
Title: SYSTEM AND METHOD FOR MEASURING CROSS-SECTIONAL AREAS AND PRESSURE GRADIENTS IN LUMINAL ORGANS
Group Art Unit: 3736
Examiner: SZMAL, Brian Scott
Conf. No.: 5030
Our File No.: P01568-US-01 (26259.0010)

RESPONSE TO OFFICE ACTION

In response to the final Office Action mailed April 9, 2008 (the "Office Action"), Applicants file the present complete response (the "Response") within two months of the Office Action. The listing of claims starting on page 2 will replace all prior versions and listings of the claims in the above-referenced patent application (the "Application"). The Remarks begin on page 8 of this paper.